

PROGRAM ANNOUNCEMENT

Fiscal Year 2007 Young Investigator Research Program

AFOSR BAA 2006-3

PROPOSAL DEADLINE:

4:00 p.m. Eastern Daylight Time

Thursday, 20 July 2006

OVERVIEW INFORMATION

- **Agency Name(s)** –The Air Force Office of Scientific Research (AFOSR)
- **Funding Opportunity Title** – *Air Force Fiscal Year 2007 Young Investigator Research Program*
- **Announcement Type** – This is the initial announcement.
- **Funding Opportunity Number** - AFOSR BAA 2006-3
- **Catalog of Federal Domestic Assistance (CFDA Number(s))** – 12.800 - Air Force Defense Research Sciences Program
- **Dates** – Proposals must be received by 4:00PM Eastern Daylight Time, 20 July 2006
- **Additional Overview Content--** The Young Investigator Research Program supports young scientists and engineers in Air Force relevant disciplines and is designed to promote innovative research in science and engineering. The awards foster creative basic research in science and engineering, enhance early career development of outstanding young investigators, and increase opportunities to recognize Air Force mission and challenges in science and engineering.

I. Funding Opportunity Description

The AFOSR's Young Investigator Research Program (YIP) is to support scientists and engineers who have received Ph.D. or equivalent degrees in the last five years (on or after 1 May 2001) and who show exceptional ability and promise for conducting basic research. The objective of this program is to foster creative basic research in science and engineering, enhance early career development of outstanding young investigators, and increase opportunities for the young investigators to recognize Air Force mission and the related challenges in science and engineering.

Proposals addressing the research areas of interest for the Air Force Research Laboratory will be considered. The basic research areas of current interest are available on-line at the AFOSR web:

<http://www.afosr.af.mil> (select "Research Areas" then "Broad Agency Announcements")

For detailed information regarding technical goals, potential applicants are advised to refer to the announcements cited above and may contact AFOSR program managers listed therein to explore mutual interest before submitting proposals.

II. Award Information

Through this YIP competition, AFOSR intends to make approximately 15 awards for FY 2007, subject to the availability of funds. The anticipated types of awards are grants or contracts. Each award will be funded at \$100K or more per year for three years.

III. Eligibility Information

1. Eligible Applicants – The individual award will be made to a U.S. institution of higher education, industrial laboratory, or non-profit research organization where the principal investigator is employed on a full-time basis and holds a regular position. Researchers working at the Federally Funded Research and Development Centers and DoD-Laboratories will not be considered for the YIP competition. The principal investigator must be a U.S. citizen, national, or permanent resident who has received Ph.D. or equivalent degrees in the last five years as indicated in Section I above.

2. Cost Sharing – Cost Sharing is not required.

3. Other – An accompanying letter from the institution must be submitted to indicate that the applicant will be considered for a regular position, if he/she has a short-term appointment.

IV. Application and Submission Information

1. Address to Request Application Package: Consult the AFOSR web page: www.afosr.af.mil. Choose "Researcher Areas." On the left side of the page, chose the link "How to Apply for a Grant or Contract." Next, chose the link "How to Submit a Proposal." Full details of proposal content and form are given there. Download and complete the proposal Cover Page. In the block "Title of Proposed Project", add the following:

Solicitation Title: Young Investigator Research Program.

2. Content and Form of Application Submission: Using the budget forms available on the AFOSR web page, applicants should prepare three 12-month budgets and an aggregate 36-month budget beginning 02 January 2007, the anticipated start date of successful applications. Proposals should not exceed 25 total pages typed in 10 or 12 point font, including cover page and budget. Proposals exceeding this limit will not be considered.

Six paper copies and one electronic copy on a 3.5 inch Diskette or CD-ROM (in Microsoft Word, or Excel, or PDF format) of the proposal should be submitted to Dr. Spencer Wu.

Air Force Office of Scientific Research
ATTN: Dr. Spencer Wu -PIE
875 North Randolph Street
Suite 325, Room 3112
Arlington, Virginia 22203-1768
Attn: Young Investigator Research Program

Applicants will be notified by letter or e-mail that the proposal has been received by AFOSR.

3. Submission Dates and Time: Proposals must be received at AFOSR by 4:00 PM, EDT, 20 July 2006

4. Intergovernmental Review: None

5. Funding Restrictions: None

6. Other Submission Requirements. Only hard copy submissions will be accepted. Submission by facsimile, e-mail or other electronic media will not be accepted. The proposal must be complete and self-contained to qualify for review.

V. Application Review Information

1. Criteria: Proposals under this Broad Agency Announcement (BAA) will be evaluated through a peer or scientific review process, and selected for award on a competitive basis according to Public Law 98-369, Competition in Contracting Act of 1984, 10 U S C 2361, and 10 U S C 2374. All proposals will be evaluated under the following two primary criteria, of equal importance, as follows:

1. The scientific and technical merits of the proposed research.
2. The broader impacts of the proposed research (e.g., potentially to advance technology or/and to contribute to AF mission)

Other evaluation criteria used in the technical reviews, which are of lesser importance than the primary criteria is and of equal importance to each other, are as follows:

3. The proposer's qualification to conduct the proposed research.
4. How well does the proposed activity promote teaching, training, or/and technology transitioning/transfer.
5. The realism and reasonableness of proposed costs.

VI. Award Administration Information:

1. Award Notices: Principal Investigator of successful proposals will receive a notice, by letter or e-mail, on or about 28 September 2006. For those proposals being recommended for an award, the notification should not be regarded as an authorization to commit or expend funds. Proposals selected for funding as grants may include, at the recipient's own risk and to the extent that the recipient organization allows, charging to awards of 90 days pre-award costs. Negotiations may result in funding levels that are less than proposed. Only an award document signed by a Government Contracting/Grants Officer will bind the Government.

2. Administrative Requirements: AFOSR's terms and conditions for grants are available at the AFOSR web page: <http://www.afosr.af.mil>. Choose "Researcher Areas." On the left side of the page, chose the link "How to Apply for a Grant or Contract." The required Central Contractor Registration and Certification are described in the following:

Central Contractor Registration

(a) Definitions:

"Central Contractor Registration (CCR) database" - the primary Government repository for information required for the conduct of business with the Government.

"Data Universal Numbering System (DUNS) number" - assigned by Dun and Bradstreet, Inc. (D&B) to identify unique business entities.

"Data Universal Numbering System+4 (DUNS+4) number" - the DUNS number assigned by D&B plus a 4-character suffix that may be assigned by a business concern. (D&B has no affiliation with this 4-character suffix.) This 4-character suffix may be assigned at the discretion of the business concern to establish additional CCR records for identifying alternative Electronic Funds Transfer (EFT) accounts for the same parent concern.

"Registered in the CCR database" means that the offeror has entered all mandatory information, including the DUNS number or the DUNS+4 number, into the CCR database; and the Government has validated all mandatory data fields and has marked the record "Active".

(b) Notes:

- (1) By submission of an offer, the offeror acknowledges the requirement that a prospective awardee shall be registered in the CCR database prior to award, during performance, and through final payment of any award resulting from this announcement.
- (2) The offeror shall enter, in the block with its name and address on the cover page of its offer, the annotation "DUNS" or "DUNS+4" followed by the DUNS or DUNS+4 number that identifies the offeror's name and address exactly as stated in the offer. The DUNS number will be used by the Contracting/Grants Officer to verify that the offeror is registered in the CCR database.

(3) If the offeror does not have a DUNS number, he or she should contact Dun and Bradstreet directly to obtain one.

(4) Processing time, which normally takes 48 hours, should be taken into consideration when registering. Offerors who are not registered should consider applying for registration immediately upon receipt of this solicitation.

(5) Offerors may obtain information on registration and annual confirmation requirements via the Internet at <http://www.ccr.gov> or by calling 1-888-227-2423, or 269-961-5757.

Certifications

All awards require some form of certifications of compliance with national policy requirements.

For assistance awards, i.e., grants and cooperative agreements, some certifications (e.g., the certification of lobbying) are to be submitted at the time of proposal, rather than at the time of award. Proposers may incorporate these certifications into their proposals by reference. This may be accomplished by using AFOSR's proposal cover page found at: http://www.afosr.af.mil/ResearchAreas/funding_submitProp.htm.

The current certification for assistance awards is available at AFOSR's World Wide Web site at: http://www.afosr.af.mil/Documents/funding_GrantCertForm.htm.

For contract awards, prospective contractors shall complete electronic annual representations and certifications at <http://www.bpn.gov/orca> in conjunction with required registration in the Central Contractor Registration (CCR) database. Prospective contractors shall update the representations and certifications submitted to ORCA as necessary, but at least annually, to ensure they are kept current, accurate, and complete. The representations and certifications are effective until one year from date of submission or update to ORCA. In addition to the ORCA representations and certifications, prospective contractors shall complete the AFOSR Contract Certification which can be located at http://www.afosr.af.mil/Documents/funding_KAll-May2006.doc. The AFOSR Contract Certifications are to be submitted at the time of proposal submission.

3. Reporting: A performance report will be due to AFOSR each year. A final technical and patent report will be due after completion of the research. Copies of publications and presentations should be submitted along with the technical reports. For report content see http://www.afosr.af.mil/Documents/funding_perfreportsFeb2006.pdf. For grants, Financial Report using SF-269 (or SF-272) is required by Part 32 of the DoD Grant and Agreement Regulations (32 CFR part 32).

VII. Agency Contract(s): Address questions to:

Spencer Wu

Telephone Number: (703) 696-7315

Facsimile Number: (703) 696-7320

Email: Spencer.wu@afosr.af.mil

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Air Force Office of Scientific Research

ATTN: Dr. Spencer Wu - PIE

875 North Randolph Street

Suite 325, Room 3112

Arlington, Virginia 22203-1768

VIII. Other Information:

If the proposal is not selected for the Young Investigator Research Program Award, it may be reviewed and re-evaluated under the AFOSR BAA 2006-1 (for other programs) unless it is stated that this proposal is for consideration for the Young Investigator Research Program only.